

USER MANUAL

KV Series speaker cabinet

SOUNDKING AUDIO

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Model	KV18SA
type	18inch subwoofer
frequency response	35Hz - 150Hz (-10dB)
	45Hz - 100Hz (-3dB)
Power Handling	700W
crossover	—
woofer	18" subwoofer
tweeter	—
Cossover angle(HxV)	—
Max SPL	134dB
Mains connections	Balanced XLR
Dimension(WxHxD)	530x681x610 (mm)
Weight(net/shopping)	35.9kg / 42.9kg

Model	KV12A
type	12inch two way
frequency response	55Hz - 20kHz (-10dB)
	60Hz - 18kHz (-3dB)
Power Handling	1000W
crossover	1.7kHz
woofer	12" woofer/ ϕ 63.5mm voice coil
tweeter	compression driver / ϕ 34mmmm voice coil
Crossover angle(HxV)	80° x60°
Max SPL (peak)	133dB
Connections	Balanced XLR, JACK and RCA Phono
Dimension(WxHxD)	365x608x341(mm)
Weight(net/shopping)	19.14kg / 22.28kg

Model	KV15A
type	15inch two way
frequency response	45Hz - 20kHz (-10dB)
	55Hz - 18kHz (-3dB)
Power Handling	1000W
crossover	1.5kHz
woofer	15" woofer / ϕ 63.5mm voice coil
tweeter	compression driver / ϕ 34mmmm voice coil
Crossover angle(HxV)	80° x60°
Max SPL	134dB
Connections	Balanced XLR, JACK and RCA Phono
Dimension(WxHxD)	430x704x400(mm)
Weight(net/shopping)	22.76kg / 27.48kg

SAFETY INSTRUCTIONS

READ THIS BEFORE YOU USE YOUR PRODUCT

1. Before connecting the A.C. power cord make sure the Voltage Selector is set for your local A.C. supply voltage.
For supplies between 220 and 240V ensure it is set to 230V.
For supplies between 110 and 120V ensure it is set to 115V.
2. Only use the A.C. power cord / mains lead supplied with this product. Replace if it becomes damaged in any way.
3. Never operate without, or remove the safety ground (earth) from the A.C. Power cord mains lead.
4. Do not attempt to remove any screws or panels. There are no user serviceable parts inside.
5. Do not operate the unit next to heat sources such as radiators.
6. The unit should not be operated or stored near rain or moisture.
7. This equipment must not be exposed to dripping or splashing and no objects filled with liquids should be placed on top of it.
8. Write the serial number in the box provided in the Warranty section for future reference.
9. If the unit gets damaged, has been dropped or appears to have developed a fault refer to the Service Information section for details.

WARNING: THIS APPARATUS MUST BE EARTHED (GROUNDED)



WEEE Mark

If you want to dispose of this product, do not mix with general household waste. There are separate collection systems for used electronic products in accordance with legislation under the WEEE Directive (Directive 2002/96/EC) and is effective only within the European Union.

System feature

KV speaker cabinet series consists of KV12A/KV15A/KV18SA active speaker cabinet and KV12/KV15/KV18S passive speaker cabinet. This speaker cabinet series is specially designed for Horizon 2012 mixer. All the speaker cabinets have 15mm plywood to deliver delicate tone. All the speaker cabinets are light weighted for convenient transportation.

1)Active speaker cabinet: the LF uses symmetrical ferrite magnet and the voice coil uses heat-resisting material for the high power and heat dissipation. The HF uses compression driver and AL diaphragm for delicate tone. The class D power amplifier is powerful but light weighted. The ribbed 15mm plywood cabinet eliminates the resonance inside.

KV12A---12" Two-Way Powered Speaker Cabinet

- 1.1 ϕ 34mm voice coil, Al diaphragm, compression HF。
- 1.2 ϕ 63.5mm voice coil, ferrite woofer
- 1.3 constant directivity horn, coverage $80^{\circ} \times 60^{\circ}$ 。
- 1.4 Light weighted but powerful class D power amp with low distortion.
- 1.5 15mm plywood cabinet with rib inside and black finish on the surface
- 1.6 45 degree monitoring

KV15A---15" Two-Way Powered Loudspeaker

- 1.1 ϕ 34mm voice coil, Al diaphragm, compression HF。
- 1.2 ϕ 63.5mm voice coil, ferrite woofer。
- 1.3 constant directivity horn, coverage $80^{\circ} \times 60^{\circ}$ 。
- 1.4 Light weighted but powerful class D power amp with low distortion.
- 1.5 15mm plywood cabinet with rib inside and black finish on the surface
- 1.6 45 degree monitoring

KV18SA---18" Powered Subwoofer

- 1.1 18" high power woofer with extra low bass extension
- 1.2 35H-150Hz frequency response
- 1.3 700W Class D power amp with sufficient headroom.
- 1.4 XLR input. HF output, filtering the frequency below 120Hz; used with full range speaker cabinet for reinforcement;
- 1.5 15mm plywood cabinet with rib inside and black finish on the surface

Model	KV18S
Type	18inch sub
Frequency response	35Hz - 200Hz (-10dB) 45Hz - 150Hz (-3dB)
Sensitivity (1m1w)	96 dB
Impedance	4 Ω
Rated power	Continue 400W, Progam 800W, Peak 1600W
Crossover	——
Woofer	18" subwoofer
Tweeter	——
Cossover angle(HxV)	——
Max SPL	134dB
Connections	2xspeakon NI4
Dimension(WxHxD)	530x681x610(mm)
Weight(net/shopping)	31.9kg / 38.7kg

Model	KV12
Type	12inch two ways
Frequency response	55Hz - 20kHz (-10dB)
	60Hz - 18kHz (-3dB)
Sensitivity (1m1w)	95 dB
Impedance	4 Ω
rated power	Continue 400W, Progam 800W, Peak 1600W
Crossover	2.2kHz
Woofers	12" woofer/ φ 75.8mm voice coil
Tweeter	compression driver / φ 44mmmm voice coil
Cossover angle(HxV)	80° x60°
Max SPL	132dB
Mains connections	2xspeakon NI4
Dimension(WxHxD)	365x608x341(mm)
Weight(net/shopping)	18.2kg / 21.2kg

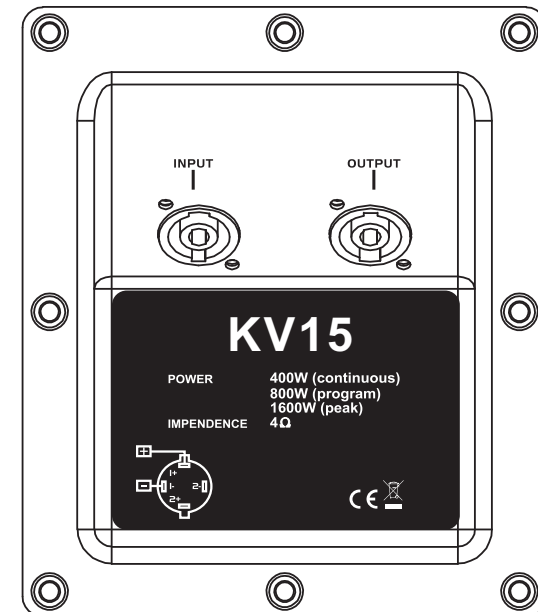
Model	KV15
Type	15inch two ways
Frequency response	45Hz - 20kHz (-10dB)
	55Hz - 18kHz (-3dB)
Sensitivity (1m1w)	96 dB
Impedance	4 Ω
rated power	Continue 400W, Progam 800W, Peak 1600W
Crossover	2kHz
Woofers	15" woofer / φ 75.8mm voice coil
Tweeter	compression driver / φ 44mmmm voice coil
Cossover angle(HxV)	80° x60°
Max SPL	134dB
Mains connections	2xspeakon NI4
Dimension(WxHxD)	430x704x400(mm)
Weight(net/shopping)	22.2kg / 26.2kg

Passive speaker cabinet: NdFeB magnet LF unit; symmetrical magnet design; heat-resistant voice coil to endure the high temperature at high power. Compression HF unit; PEEK diaphragm offers excellent frequency response. 15mm plywood cabinet with ribs diminishes resonance; durable black painting;
KV12---12" Two-Way Passive Loudspeaker
 1.1 φ 44mm voice coil, PEEK diaphragm, compression HF。
 1.2 φ 75.8mm voice coil, NdFeB woofer
 1.3 constant directivity horn, coverage 80° × 60° 。
 1.4 LC crossover with refined components to reproduce the original sound.
 1.5 15mm plywood cabinet with rib inside and black finish on the surface
 1.6 45 degree monitoring

KV15---15" Two-Way Passive Loudspeaker
 1.1 φ 44mm voice coil, PEEK diaphragm, compression HF。
 1.2 φ 75.8mm voice coil, NdFeB woofer
 1.3 constant directivity horn, coverage 80° × 60° 。
 1.4 LC crossover with refined components to reproduce the original sound.
 1.5 15mm plywood cabinet with rib inside and black finish on the surface
 1.6 45 degree monitoring

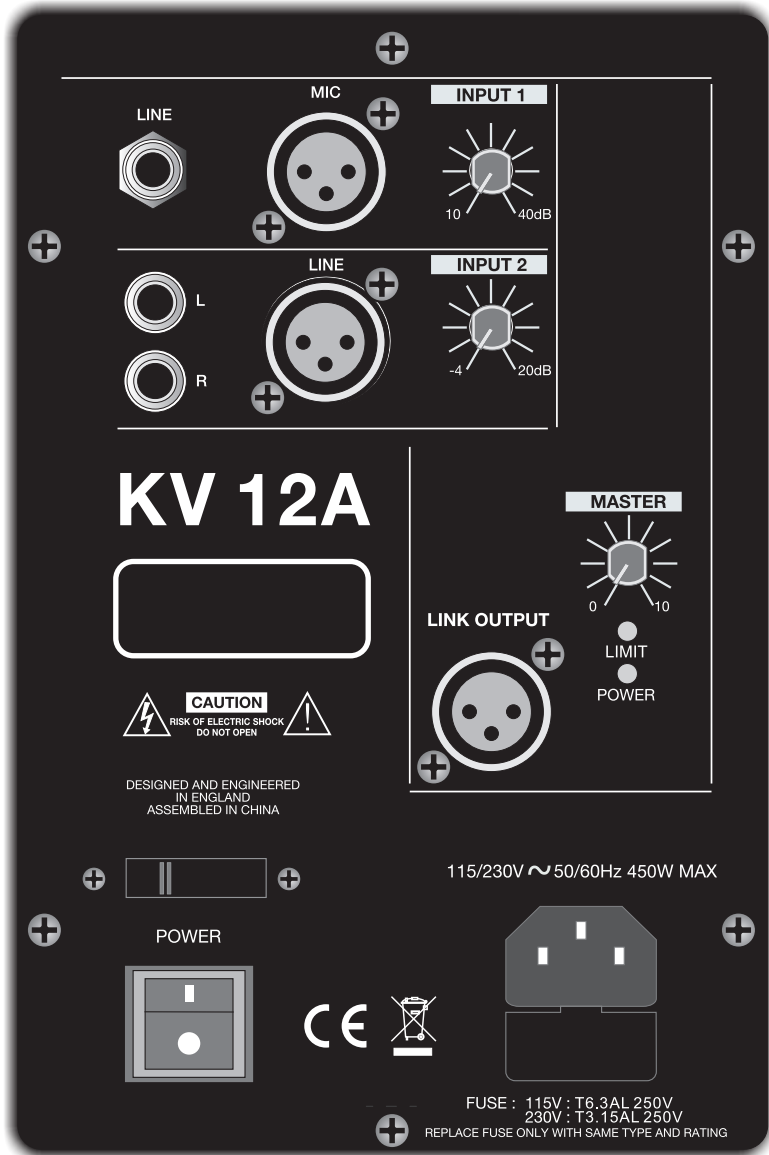
KV18S---18"Passive Subwoofer
 1.1 18" high power woofer with extra low bass extension
 1.2 35H-150Hz frequency response
 1.3 15mm plywood cabinet with rib inside and black finish on the surface

The rear panel of Passive speaker cabinet as below

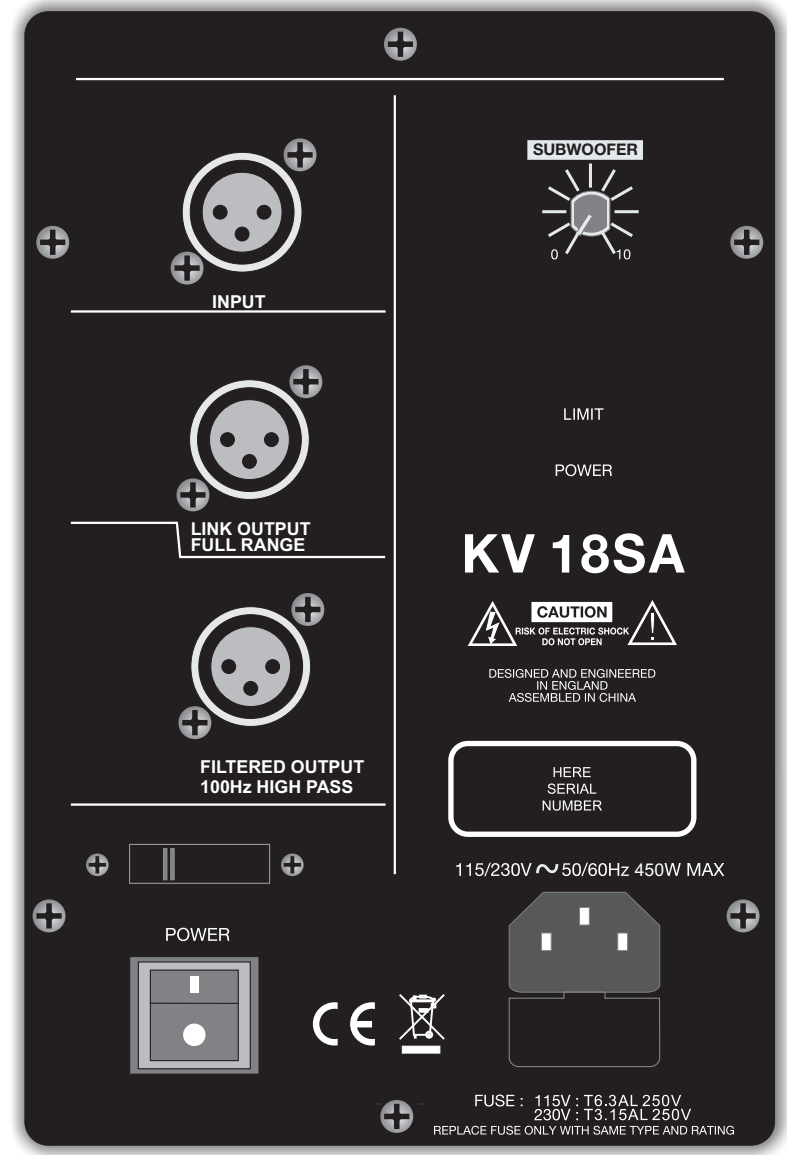


KV15 Panel

The rear panel of Active speaker cabinet as below



KV12A Panel



KV18SA Panel